

What is claimed is:

1. A stuck state detection seal comprising:

a sealing base member to be stuck to an article; and  
a sealing surface member to be stuck to said article being overlapped on said sealing base member;

wherein a stuck state detection means for detecting a stuck state between said sealing base member and said sealing surface member and for generating a stuck state signal that represents the detected stuck state, and a stuck state signal transmission means for transmitting said stuck state signal are provided between said sealing base member and said sealing surface member.

2. A stuck state detection seal according to claim 1, wherein said stuck state detection means includes:

a switching means for switching operation depending upon a stuck state between said sealing base member and said sealing surface member;

a switched state signal generating means for generating a switched state signal corresponding to the switching operation of said switching means, and

a control means for generating a stuck state signal corresponding to the switched state signal that is generated.

3. A stuck state detection seal according to claim 1, wherein a takeout state signal transmission/reception means for transmitting and receiving a takeout state signal representing

whether an article with the seal is authorized to be taken out from the predetermined area is provided between said sealing base member and said sealing surface member.

4. A stuck state detection seal according to claim 2, wherein a takeout state signal transmission/reception means for transmitting and receiving a takeout state signal representing whether an article with the seal is authorized to be taken out from the predetermined area is provided between said sealing base member and said sealing surface member.

5. A stuck state detection system for detecting, in a predetermined area, the stuck state between the sealing base member and the sealing surface member of the stuck state detection seal of claim 1, wherein a stuck state signal reception means for receiving a stuck state signal transmitted from said stuck state detection seal is provided.

6. A stuck state detection system for detecting, in a predetermined area, the stuck state between the sealing base member and the sealing surface member of the stuck state detection seal of claim 2, wherein a stuck state signal reception means for receiving a stuck state signal transmitted from said stuck state detection seal is provided.

7. A stuck state detection system for detecting, in a predetermined area, the stuck state between the sealing base member and the sealing surface member of the stuck state detection seal of claim 3 and for preventing unauthorized takeout

of an article to which the stuck state detection seal is stuck, comprising:

a stuck state signal reception means for receiving a stuck state signal transmitted from said stuck state detection seal;

a takeout state signal transmission means for transmitting a takeout state signal to the takeout state signal transmission/reception means in said stuck state detection seal;

a takeout state signal reception means for receiving a takeout state signal transmitted from said takeout state signal transmission/reception means, and

a judging means for judging whether the takeout of the article stuck with the seal is permitted or not based upon the takeout state signal received by said takeout state signal reception means,

wherein the stuck state is detected based on the stuck state signal received by said stuck state signal reception means, and unauthorized takeout of said article stuck with the seal is prevented based on the judgement by said judging means.

8. A stuck state detection system for detecting, in a predetermined area, the stuck state between the sealing base member and the sealing surface member of the stuck state detection seal of claim 4 and for preventing unauthorized takeout of an article to which the stuck state detection seal is stuck, comprising:

a stuck state signal reception means for receiving a stuck state signal transmitted from said stuck state detection seal;

a takeout state signal transmission means for transmitting a takeout state signal to the takeout state signal transmission/reception means in said stuck state detection seal;

a takeout state signal reception means for receiving a takeout state signal transmitted from said takeout state signal transmission/reception means, and

a judging means for judging whether the takeout of the article stuck with the seal is permitted or not based upon the takeout state signal received by said takeout state signal reception means,

wherein the stuck state is detected based on the stuck state signal received by said stuck state signal reception means, and unauthorized takeout of said article stuck with the seal is prevented based on the judgement by said judging means.